

Predocctoral position: Spanish National Cardiovascular Research Center (CNIC) Madrid (Spain)

Predocctoral position is available in Tissue Regeneration group, led by Dr. Pura Muñoz, under the CNIC-UPF collaborative agreement (<https://www.cnic.es/en/investigacion/tissue-regeneration-laboratory>).

The project will examine how mechanisms of proteostasis affect stem cell functions in homeostasis and tissue regeneration, using muscle as a tissue model system. This project is based on previous findings from our laboratory (Nature 2014 and 2016). We are looking for enthusiastic and highly-motivated person with an interest in the understanding of stem cell functions and tissue repair.

We are looking of candidates to apply to the INPhINIT "la Caixa" Fellowship Programme <https://www.cnic.es/es/noticias/cnic-acoge-estudiantes-doctorado-inphinit-caixa-fellowships-programme>

At the time of recruitment, **candidates must comply with one of the following options:**

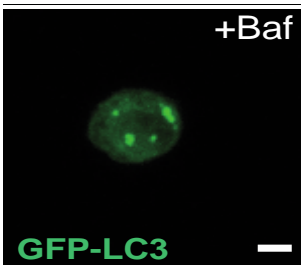
- To have completed the studies that lead to an official Spanish (or from another country of the European Higher Education Area) university degree awarding 300 ECTS credits, of which at least 60 ECTS credits must correspond to master level.
- To have completed a degree in a non-Spanish university not adapted to the European Higher Education Area that gives access to doctoral studies. The verification of an equivalent level of studies to the ones mentioned above will be made by the university when the admission procedure starts.

To be eligible, candidates must:

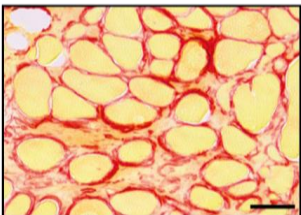
- Be in the first four years (full-time equivalent research experience) of their research careers and not yet have been awarded a doctoral degree.
- Not have resided or carried out their main activity (work, studies, etc.) in Spain for more than 12 months in the 3 years immediately prior to the recruitment date. Short stays such as holidays will not be taken into account.
- Have a demonstrable level of English (B2 or higher).

The INPhINIT "la Caixa" fellowships Programme offers:

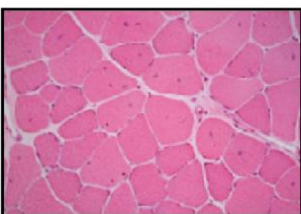
- 3-year contract
- €34,800 gross annual salary + €3,564 annual additional funding
- Award of €7,500 for the PhD fellow in case he/she presented the thesis within a period of 3.5 years
- Additional training in transferable skills



Autophagosomes in muscle stem cells



Fibrosis in muscle of dystrophic patients



Regenerating muscle after acute injury

Interested candidates should send a CV and contact information for 2 referees before January 25, 2017 to aquesada@cnic.es and cgimenez@cnic.es